

CLAIMS

[Claim 1]

5 A navigation system comprising a navigation apparatus and an external terminal that remotely controls the navigation apparatus, characterized in that:
the navigation apparatus comprises:
memory means that stores in advance a mail address of the external terminal;
mail generating means; and is
wake-up means that receives activation data from the external terminal and switches
10 the mail generating means from a sleep mode to a wake-up mode, and
the mail generating means acquires its own IP address when switched to the wake-up mode by the wake-up means, generates a mail that contains this acquired IP address, and sends this mail to the external terminal that sent the activation data by using the mail address of the external terminal.

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[Claim 2]

The navigation system according to claim 1, characterized in that:
the memory means is first memory means;
the navigation apparatus comprises second memory means that stores in
20 advance a fixed IP address of the navigation apparatus itself; and
the mail generating means reads and acquires the IP address that has been stored in the second memory means.

[Claim 3]

25 The navigation system according to claim 1, characterized in that the mail generating means acquires an assigned IP address from external control means that controls the navigation apparatus.

[Claim 4]

30 The navigation system according to any one of claims 1 to 3, characterized in that:
the memory means stores in advance identification data for the external terminal, the wake-up means compares the identification data and the identification

data included in the activation data, and switches the mail generating means to the wake-up mode when these identification data match.

[Claim 5]

5 The navigation system according to any one of claims 1 to 4, characterized in that the mail generating means encrypts the IP address and generates a mail that contains this encrypted IP address.

[Claim 6]

10 The navigation system according to any one of claims 1 to 5, characterized in that the wake-up means generates a signal directing that voltage be supplied to this mail generating means in order to wake-up the mail generating means when activation data has been received from the external terminal.

15 [Claim 7]

 The navigation system according to any one of claims 1 to 6, characterized in that the external terminal comprises:

 IP address acquiring means that acquires an IP address from the mail that the mail generating means has generated; and

20 connecting means that connects to the navigation apparatus based on the IP address that the IP address acquiring means had acquired.

[Claim 8]

 The navigation system according to claim 7, characterized in that the IP
25 address acquiring means of the external terminal acquires the IP address after the encrypted IP address has been decrypted.

[Claim 9]

 A navigation system comprising a navigation apparatus and an external
30 terminal that remotely controls this navigation apparatus, characterized in that:

 the navigation apparatus comprises:

 memory means that stores in advance a mail address of the external terminal;

 and

mail generating means that generates a mail containing its own IP address when activation data has been received from the external terminal and sends this mail to the external terminal that has sent the activation data by using the mail address of the external terminal.

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[Claim 10]

The navigation apparatus according to claim 9, characterized in that:

the memory means is first memory means; and

10 the navigation apparatus comprises second memory means that stores in advance the fixed IP address of the navigation apparatus itself; and

the mail generating means reads and acquires the IP address that has been stored in the second memory means.

[Claim 11]

15 The navigation system according to claim 9, characterized in that the mail generating means acquires the assigned IP address from external control means that controls the navigation apparatus.

[Claim 12]

20 A navigation apparatus enabling remote control by an external terminal, characterized in comprising:

memory means that stores in advance a mail address of the external terminal;

mail generating means; and is

25 wake-up means that receives activation data from the external terminal and switches the mail generating means from a sleep mode to a wake-up mode; and

the mail generating means acquires an IP address of the mail generating means itself when switched to a wake-up mode by the wake-up means, generates a mail that contains this acquired IP address, and sends this mail to the external terminal that has sent this activation data by using the mail address of the external terminal.

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[Claim 13]

The navigation apparatus according to claim 12, characterized in that:

when the memory means is first memory means, the navigation apparatus comprises:

second memory means that stores in advance a fixed IP address of the navigation apparatus itself; and

the mail generating means reads and acquires the IP address stored in the second memory means.

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[Claim 14]

The navigation apparatus according to claim 12, characterized in that the mail generating means acquires an assigned IP address from an external control means that controls the navigation apparatus.

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[Claim 15]

A navigation apparatus that enables remote control by an external terminal, characterized in comprising:

memory means that stores in advance a mail address of the external terminal;

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and

mail generating means that generates a mail containing its own IP address when activation data has been received from the external terminal, and sends this mail to the external terminal that has sent the activation data by using the mail address of the external terminal.

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[Claim 16]

The navigation apparatus according to claim 15, characterized in that:

when the memory means is first memory means, the navigation apparatus comprises:

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second memory means that stores in advance a fixed IP address of the navigation apparatus itself; and

the mail generating means reads and acquires the IP address stored in the second memory means.

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[Claim 17]

The navigation apparatus according to claim 15, characterized in that the mail generating means acquires an assigned IP address from an external control means that controls the navigation apparatus.